

**CLAIMS:**

What is claimed is:

1. A heat-dissipating device for dissipating heat from a heat-generating component, the heat dissipating device comprising:

a radiator, the radiator having a plurality of radiating fins, a flow passage being created between two adjacent radiating fins, wherein the fins are divided into a middle part and two side parts, the lower ends of the radiating fins in the two side parts providing at least one passageway, and the passageway are connected to some of the flow passages, the two opposing sides of a heat dissipating plate provide notches relative to the passageway of the radiator respectively;

a heat dissipating plate, the heat generating plate being located above the heat generating component and having two opposing sides, at least one of the sides of the heat dissipating plate providing notches that correspond to the radiator passageways; and

a fan, the fan being disposed on top of the radiator.

2. The heat-dissipating device according to claim 1, wherein the radiating fins is fitted together in stack mode and buckled together using a clip connection.

3. The heat dissipating device according to claim 1, wherein a frame is disposed on the radiator, the frame has an upper plate and two lateral plates set on the top and two sides of the radiator respectively, the two lateral plates having lower ends, the lower ends of the lateral plates each having openings relative to the passageway.

4. The heat dissipating device according to claim 3, wherein the lower ends of the two lateral plates of the frame provides at least one groove, the opposing two sides of the heat dissipating plate has flange ribs relative to the grooves of the lower ends of the two lateral plates of the frame, and wherein the flange ribs on the two side of the heat dissipating plate is inserted to connect to the grooves of the lower ends of the two lateral plates of the frame so that the radiator and frame are fixed on the heat dissipating plate.

5. The heat dissipating device according to claim 3, wherein the upper plate of the frame has a through-hole and wherein the fan is arranged on the upper plate corresponding to the through-hole.